

FIG.1

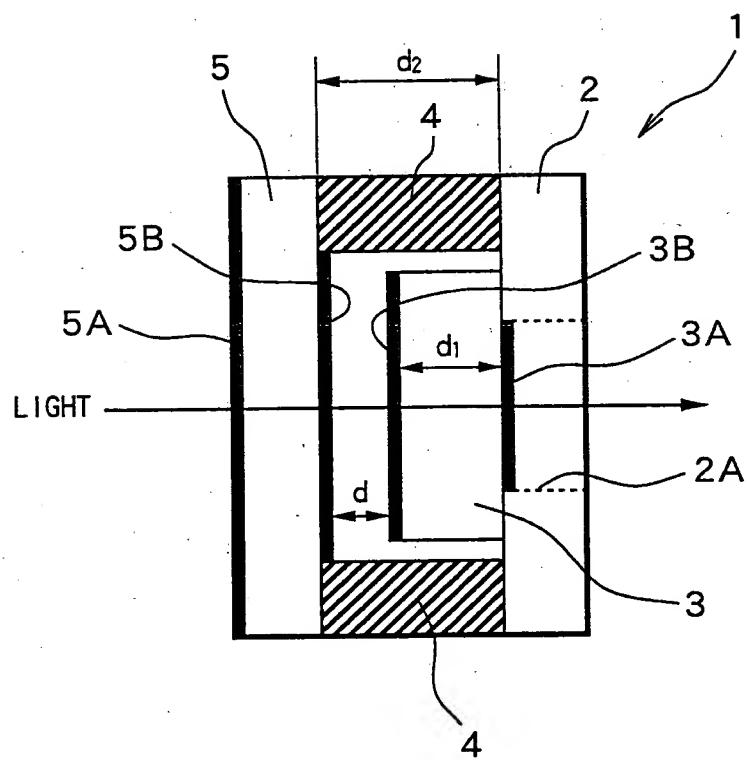


FIG. 2

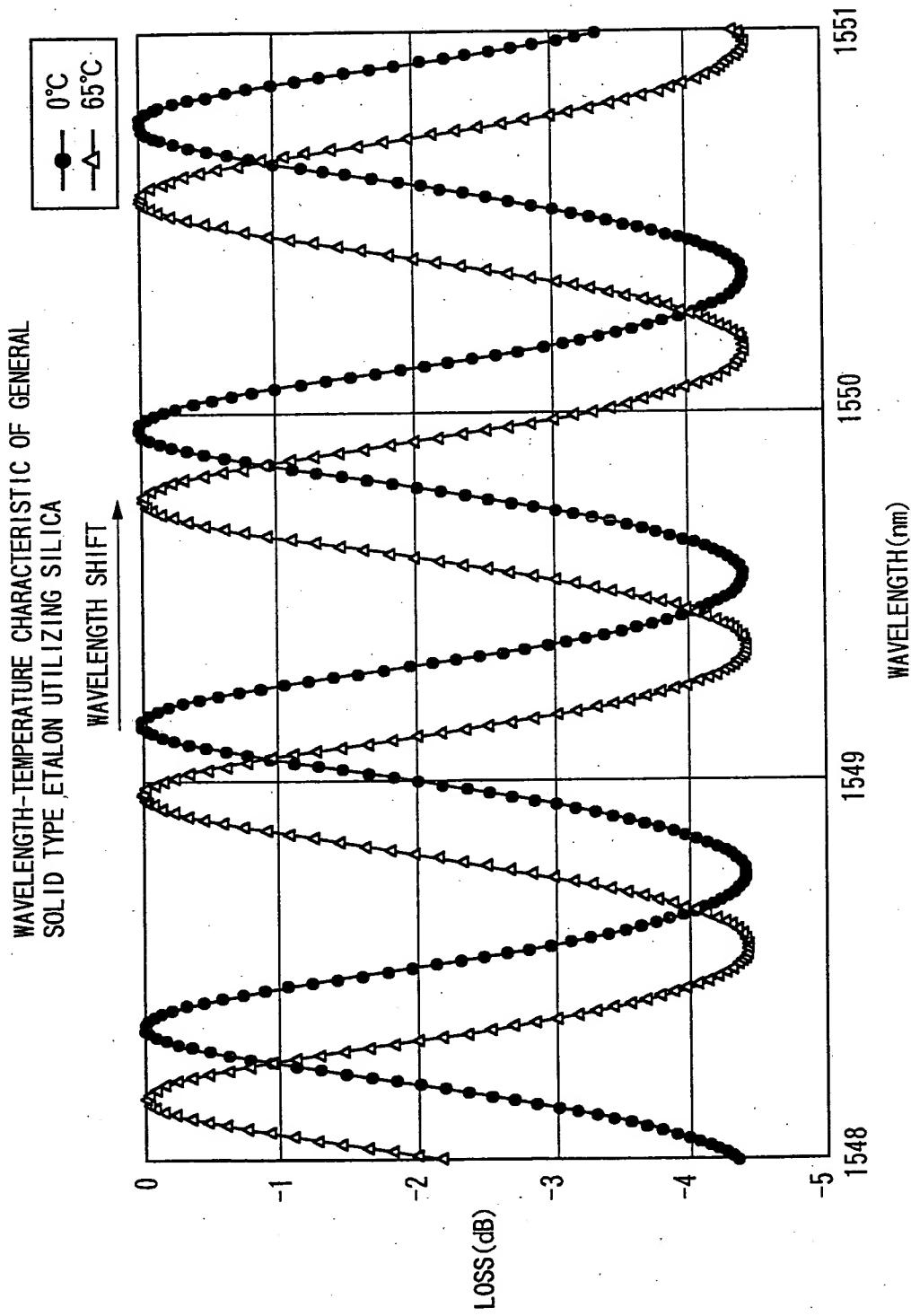


FIG.3

WAVELENGTH-TEMPERATURE CHARACTERISTIC OF AIRGAP
TYPE ETALON OF FIRST EMBODIMENT
(S-LAM60 (2.37mm)/S-FPL51 (0.87mm))

0°C
65°C

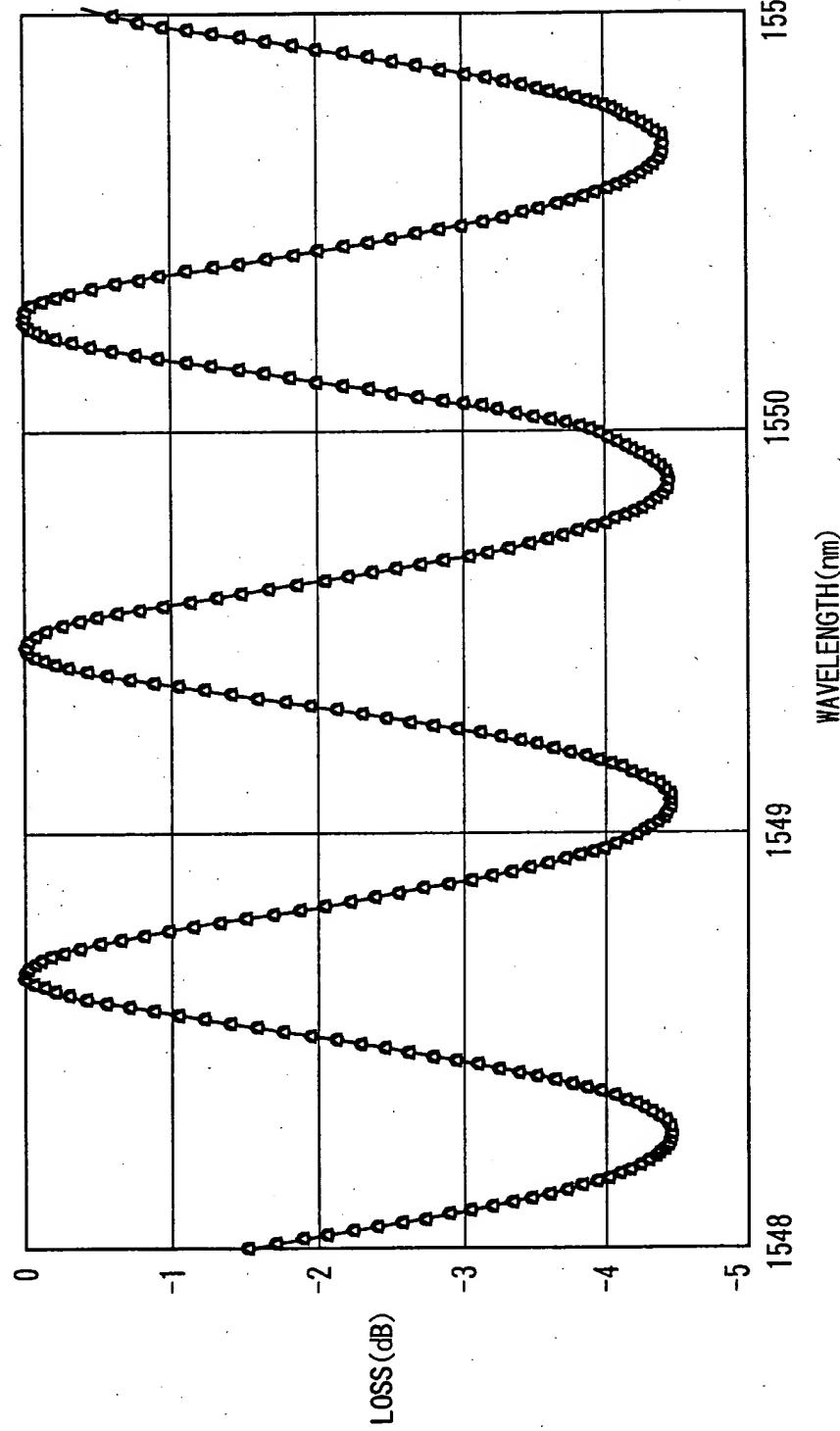


FIG.4

WAVELENGTH-TEMPERATURE CHARACTERISTIC OF
CONVENTIONAL AIRGAP TYPE ETALON
GAP MATERIAL/SILICA(1.5mm)

● 0°C
△ 65°C

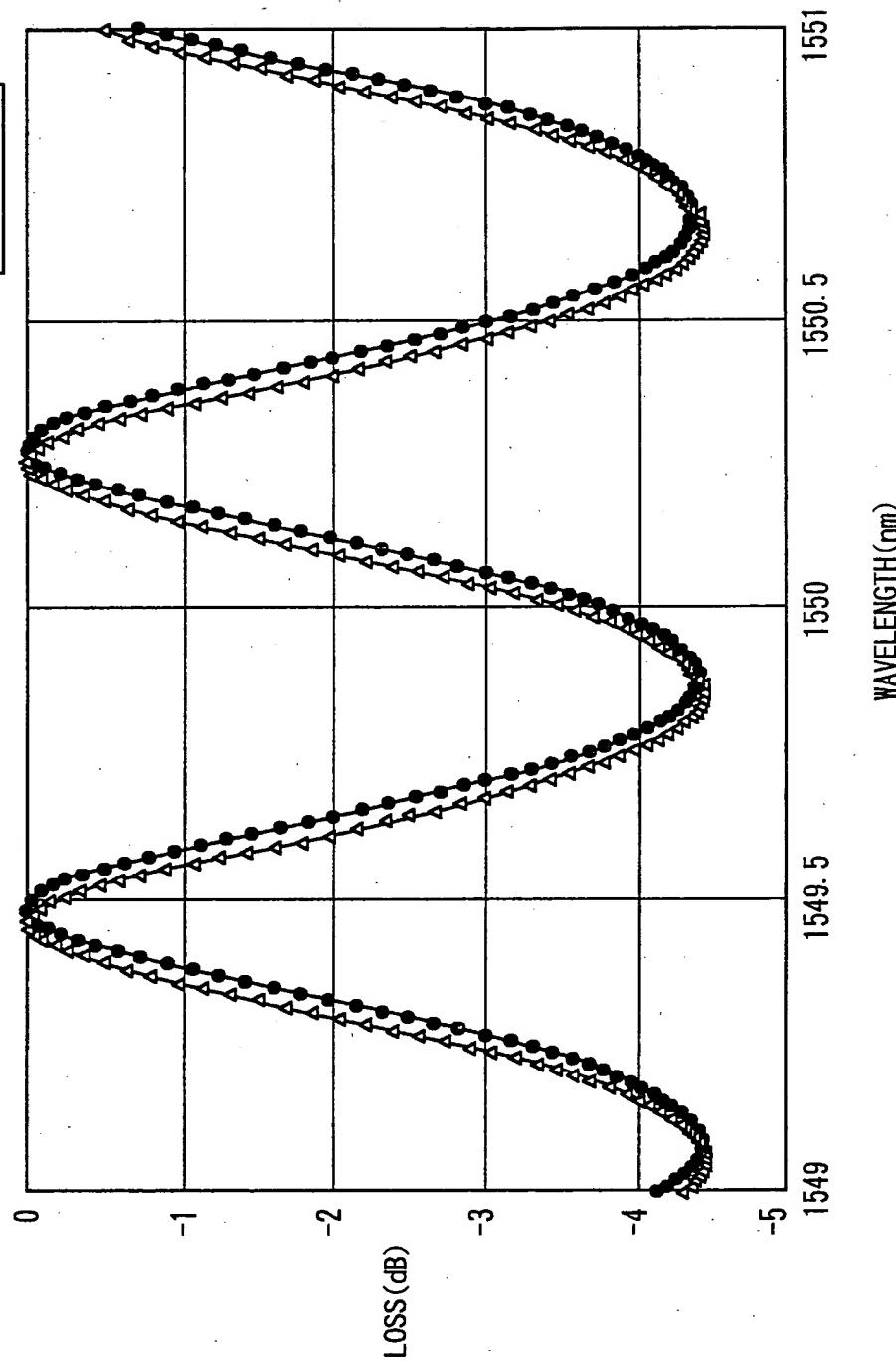


FIG.5

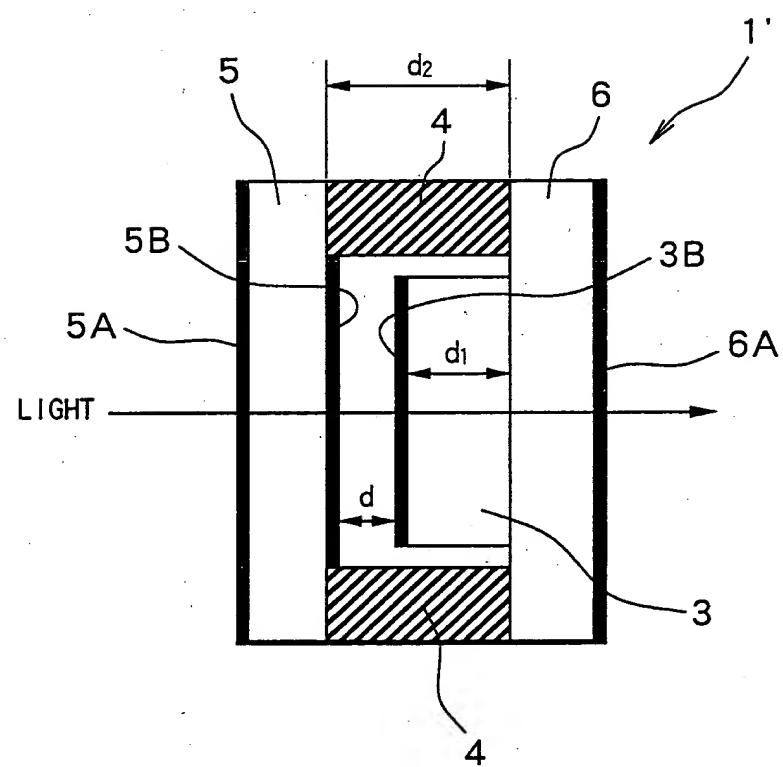


FIG.6

WAVELENGTH-TEMPERATURE CHARACTERISTIC OF AIRGAP
TYPE ETALON OF SECOND EMBODIMENT
S-RAM60(2.55mm)/S-FPL52(1.05mm)

—●— 0°C
—△— 65°C

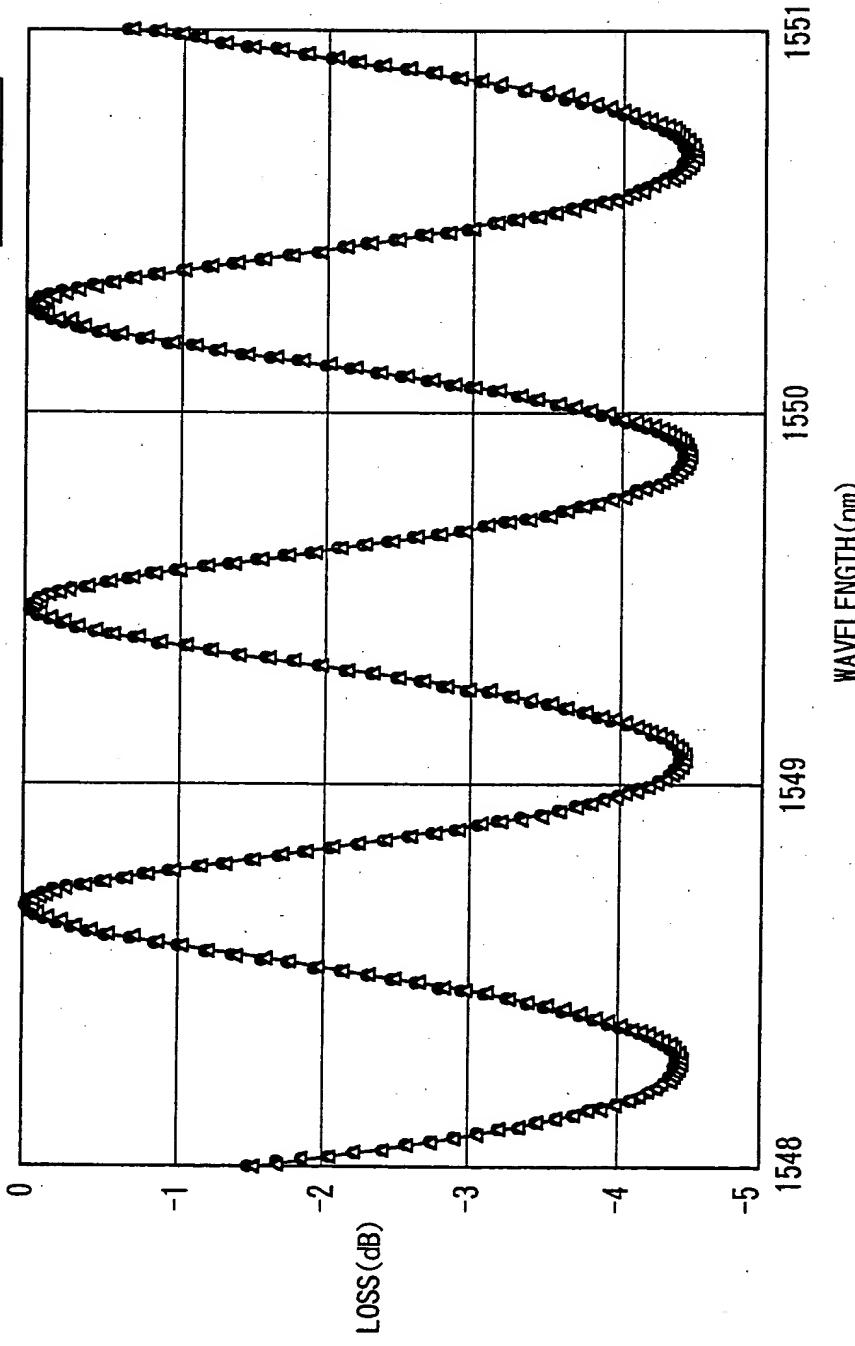


FIG.7

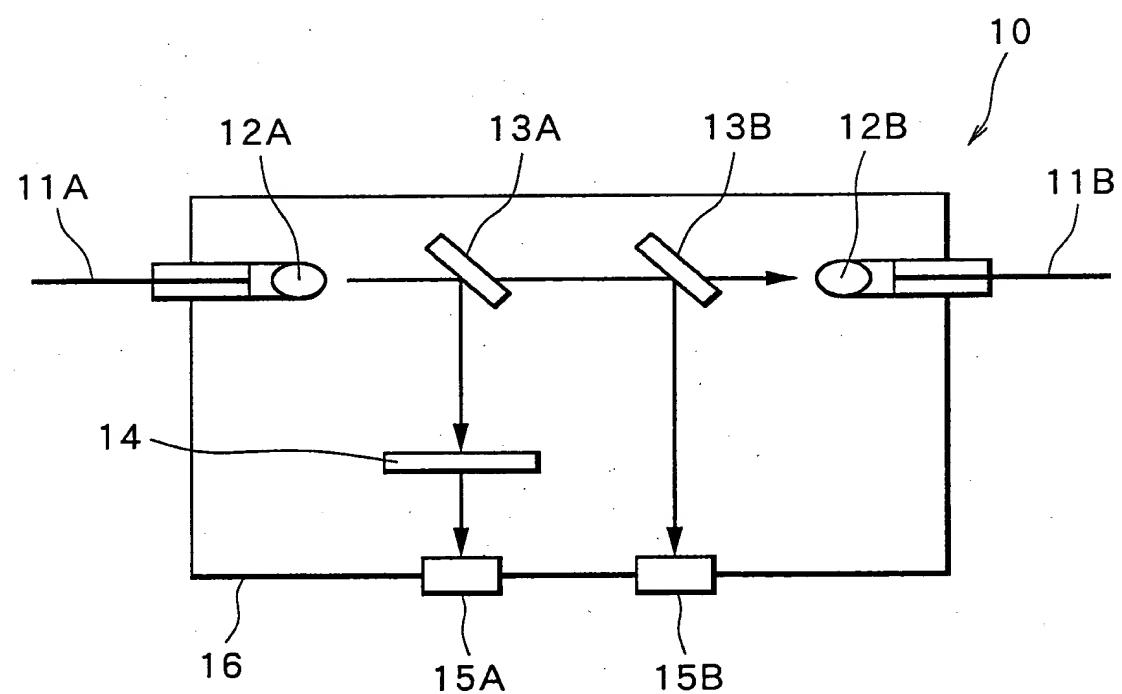


FIG.8

WAVELENGTH CHARACTERISTICS OBTAINED BY PHOTODETECTORS

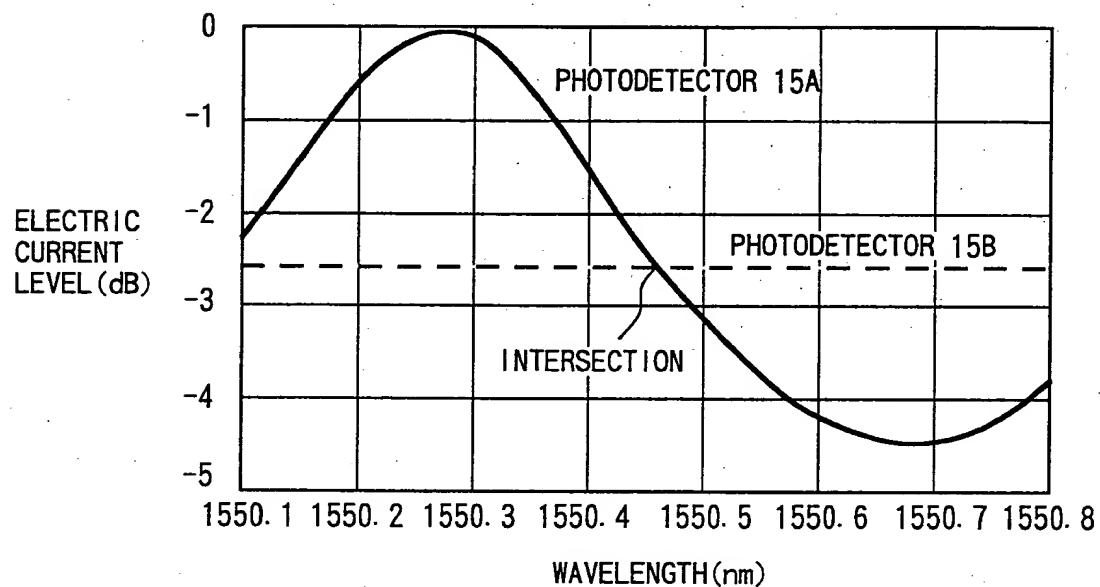


FIG.9

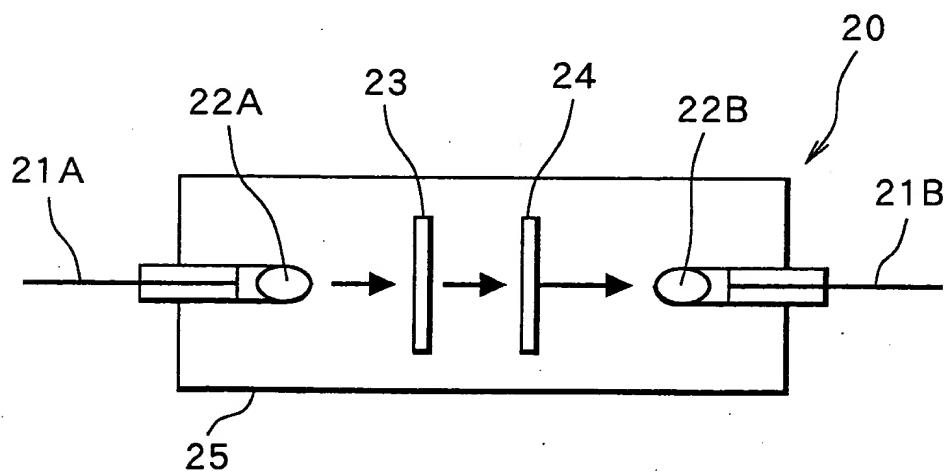


FIG.10
GAIN-TEMPERATURE CHARACTERISTIC OF GENERAL EDFA

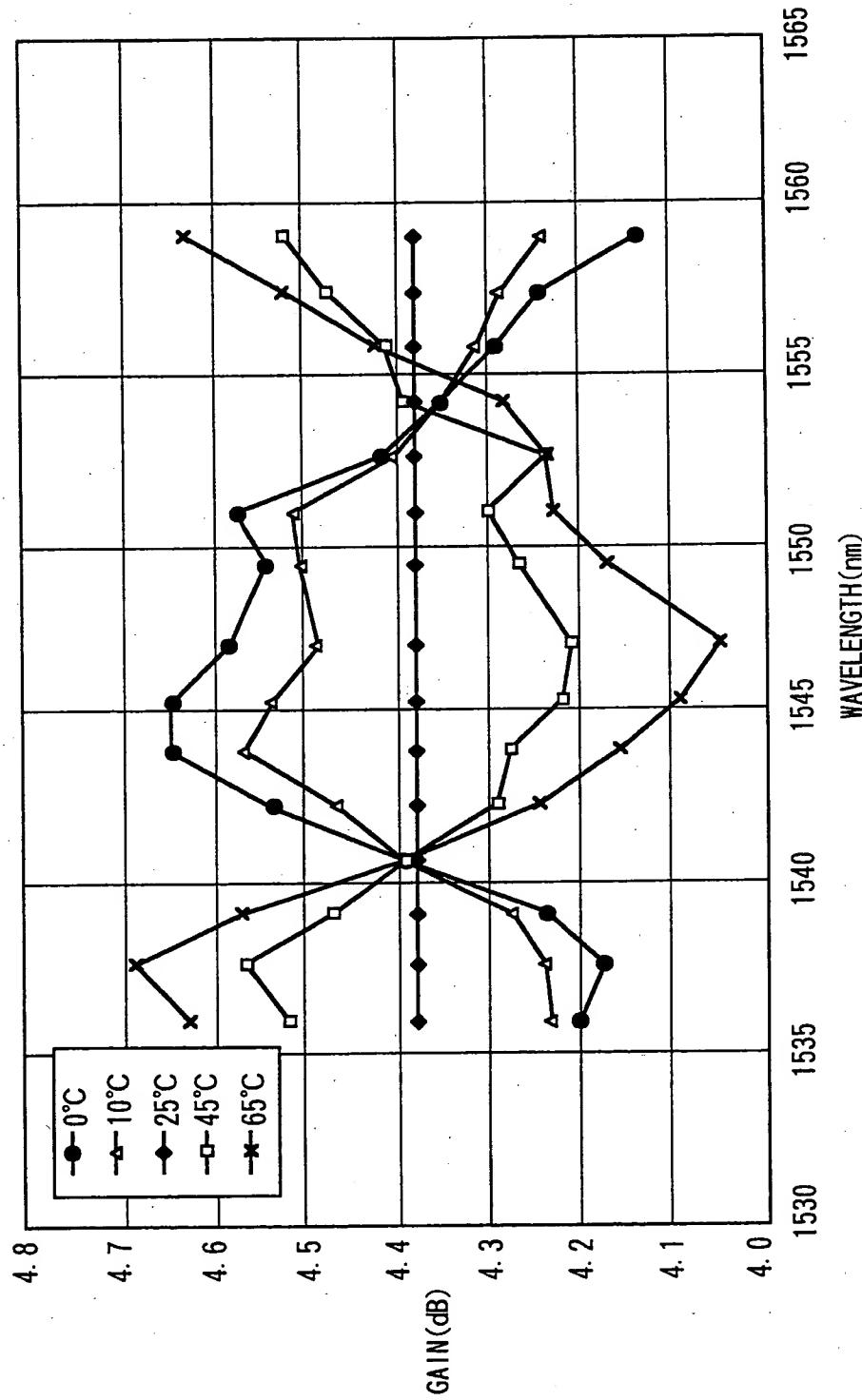


FIG.11

TRANSMISSION WAVELENGTH CHARACTERISTIC(25°C)

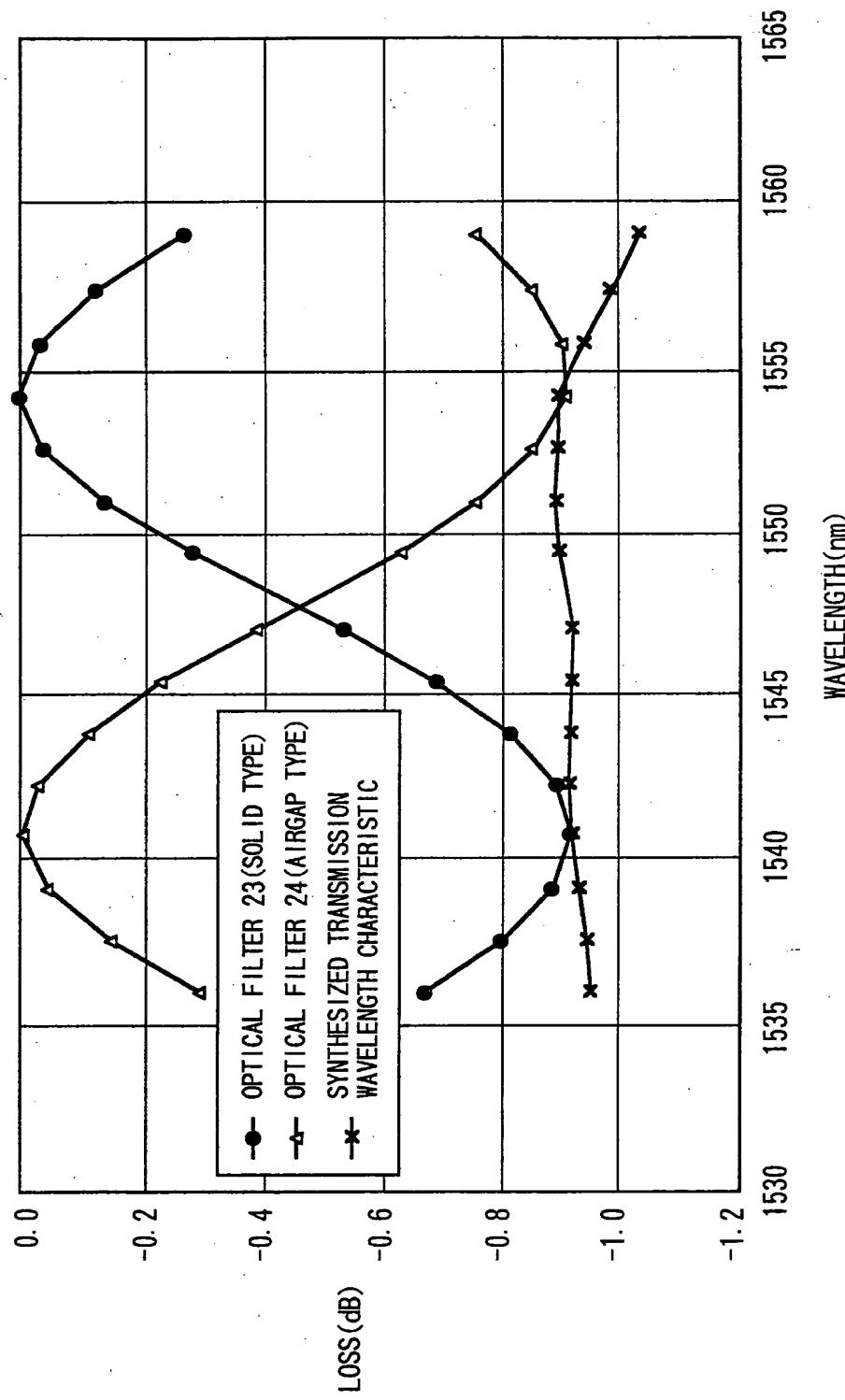


FIG.12

WAVELENGTH-TEMPERATURE CHARACTERISTIC OF OPTICAL FILTER 23

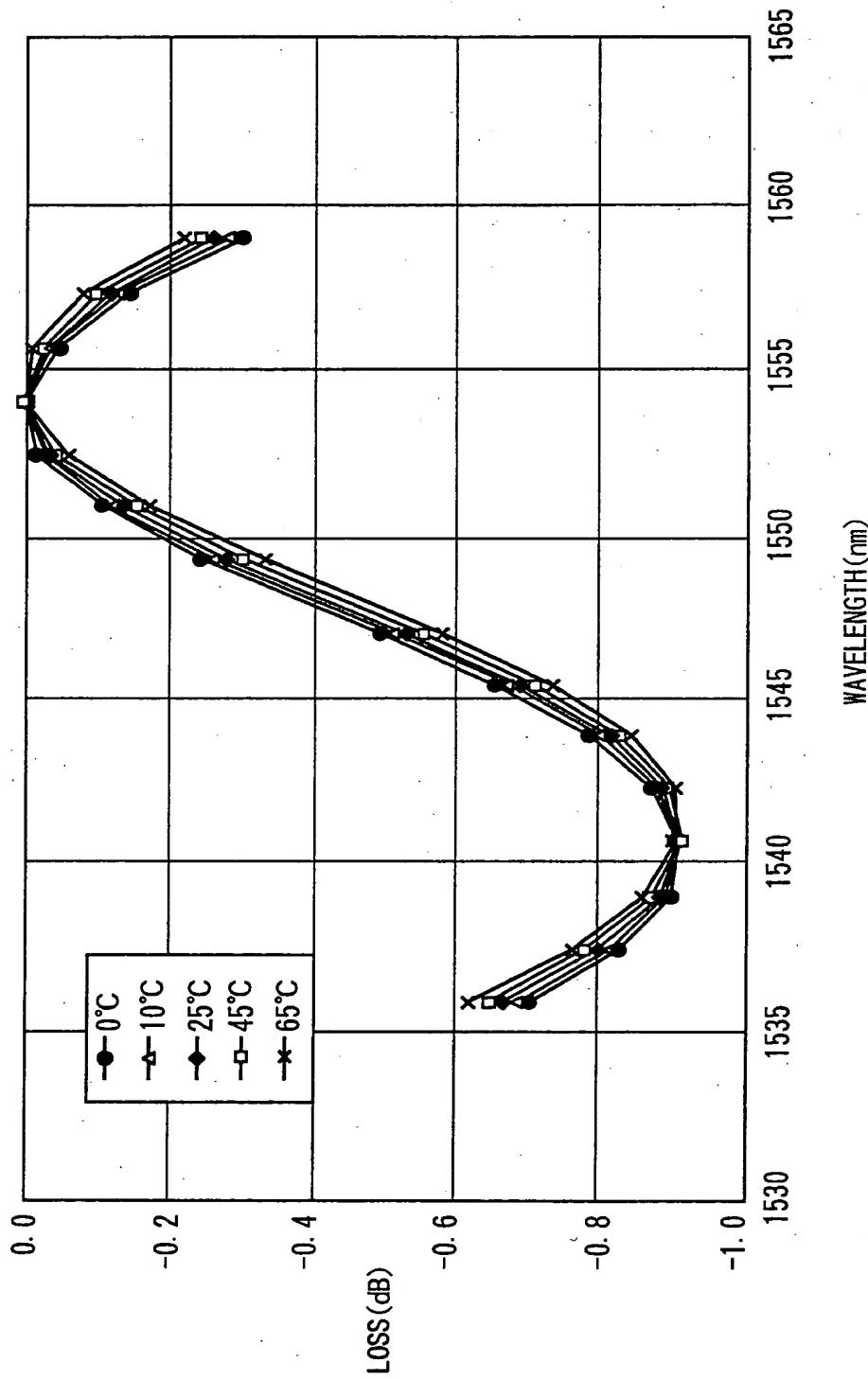


FIG. 13

WAVELENGTH-TEMPERATURE CHARACTERISTIC OF OPTICAL FILTER 24

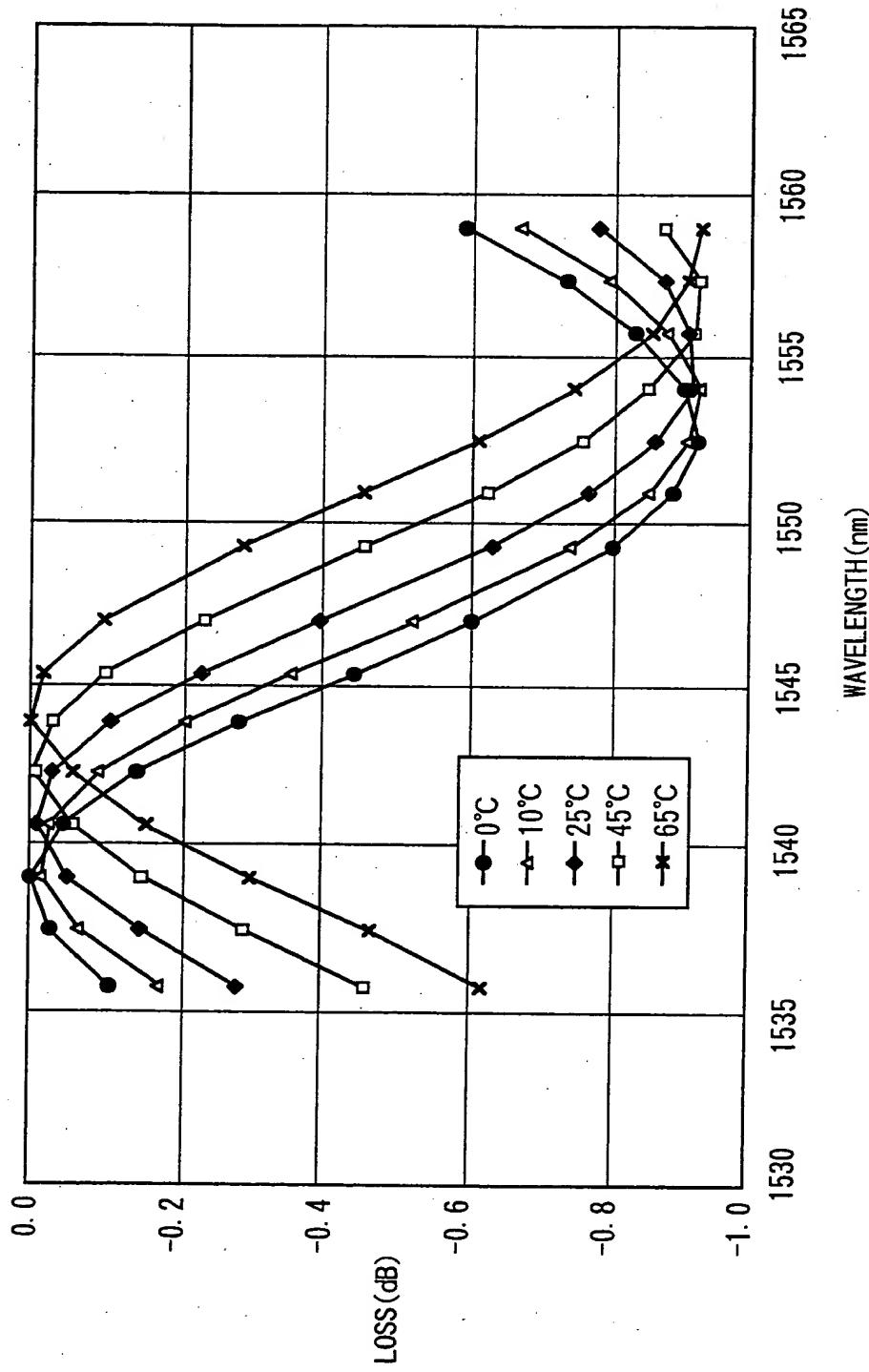


FIG. 14

SYNTHESIZED WAVELENGTH-TEMPERATURE CHARACTERISTIC

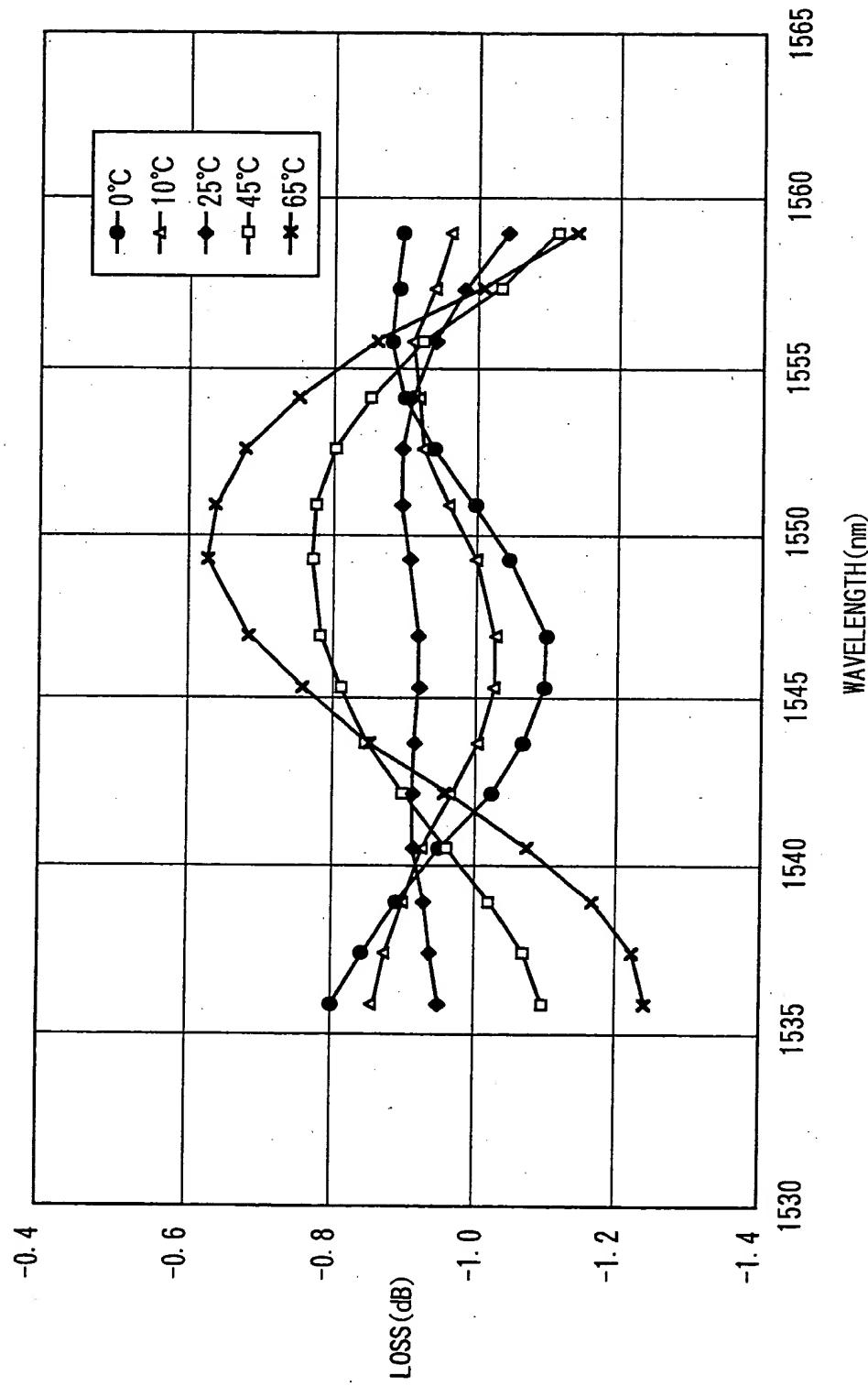


FIG. 15
POST-COMPENSATION WAVELENGTH-TEMPERATURE CHARACTERISTIC

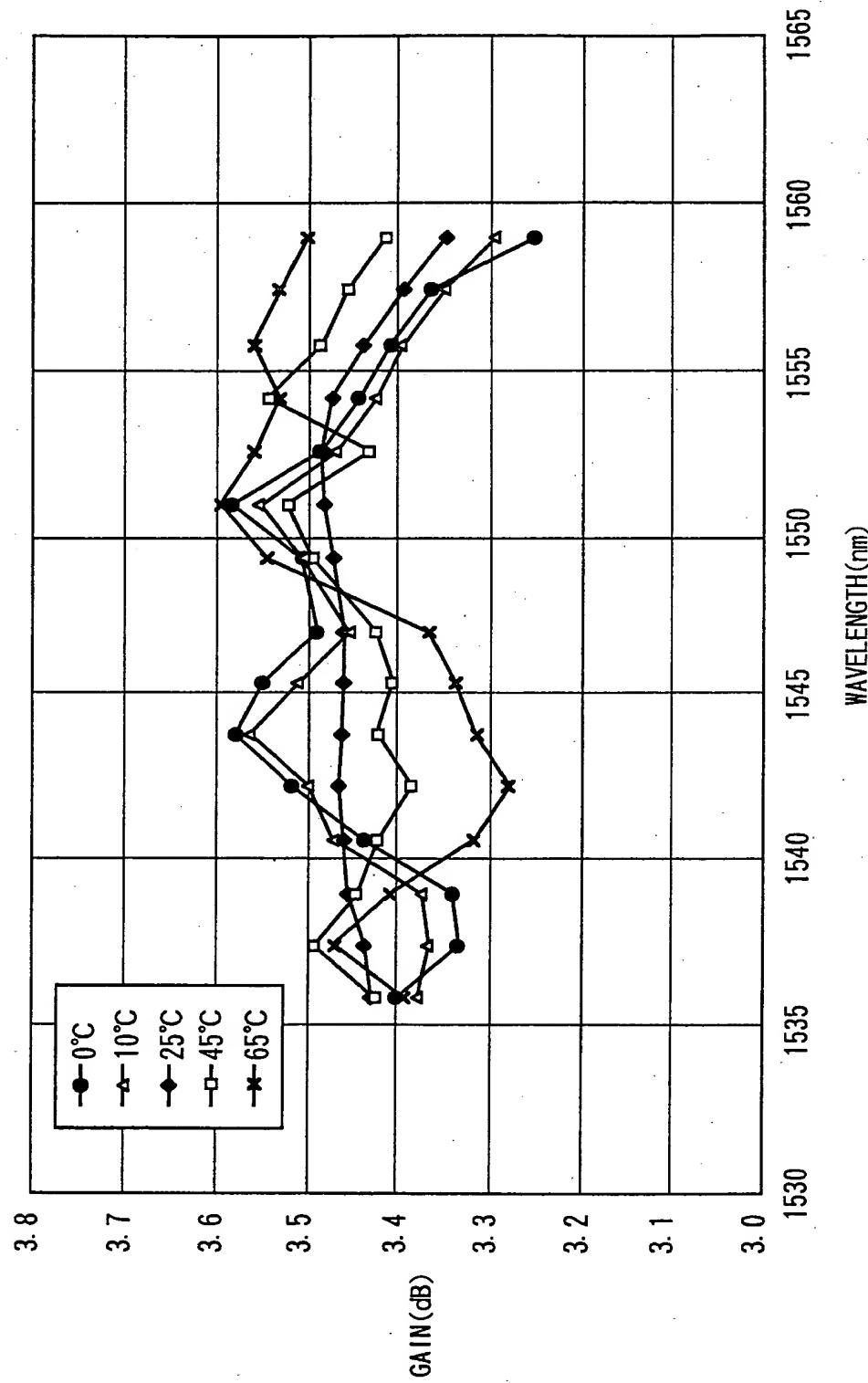


FIG.16

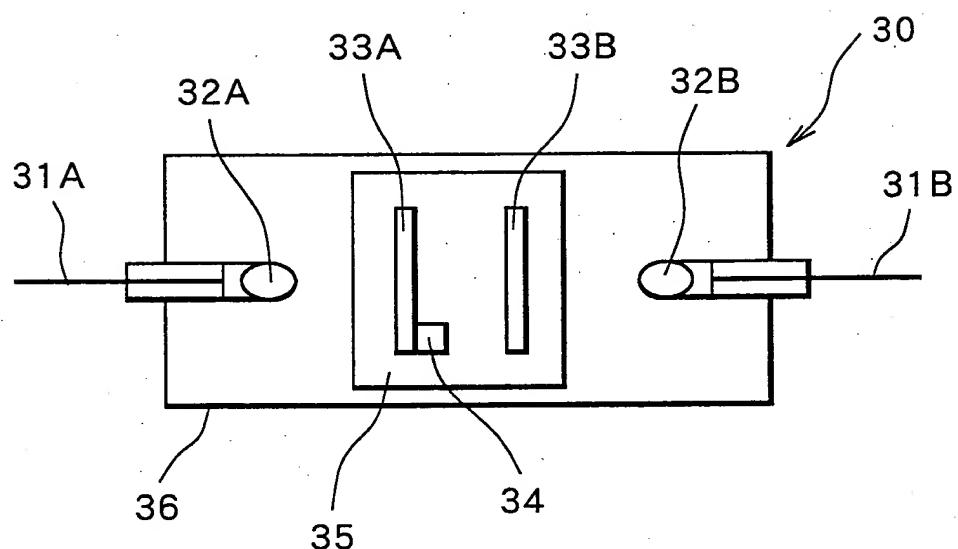


FIG.17

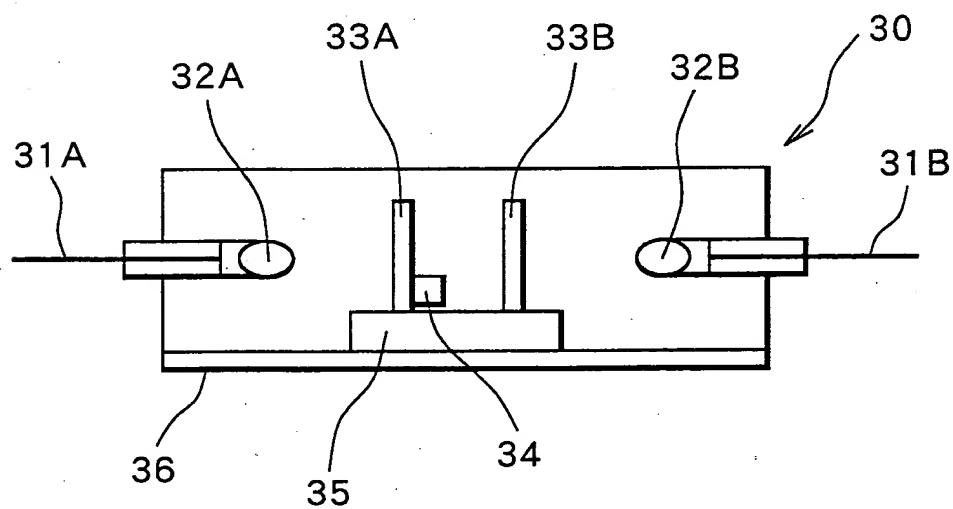


FIG. 18

WAVELENGTH-TEMPERATURE CHARACTERISTIC OF OPTICAL FILTER 33A

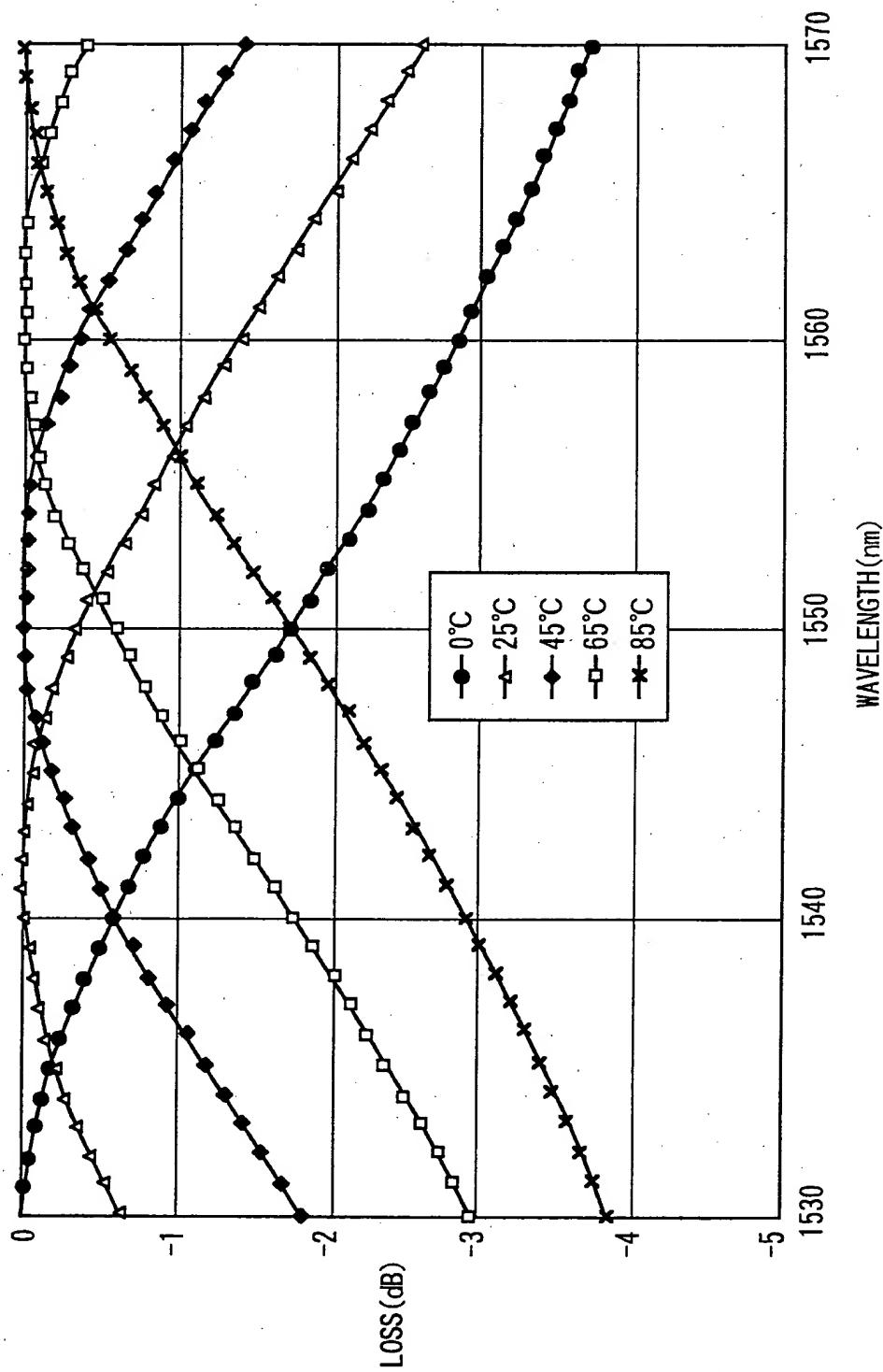


FIG. 19

WAVELENGTH-TEMPERATURE CHARACTERISTIC OF OPTICAL FILTER 33B

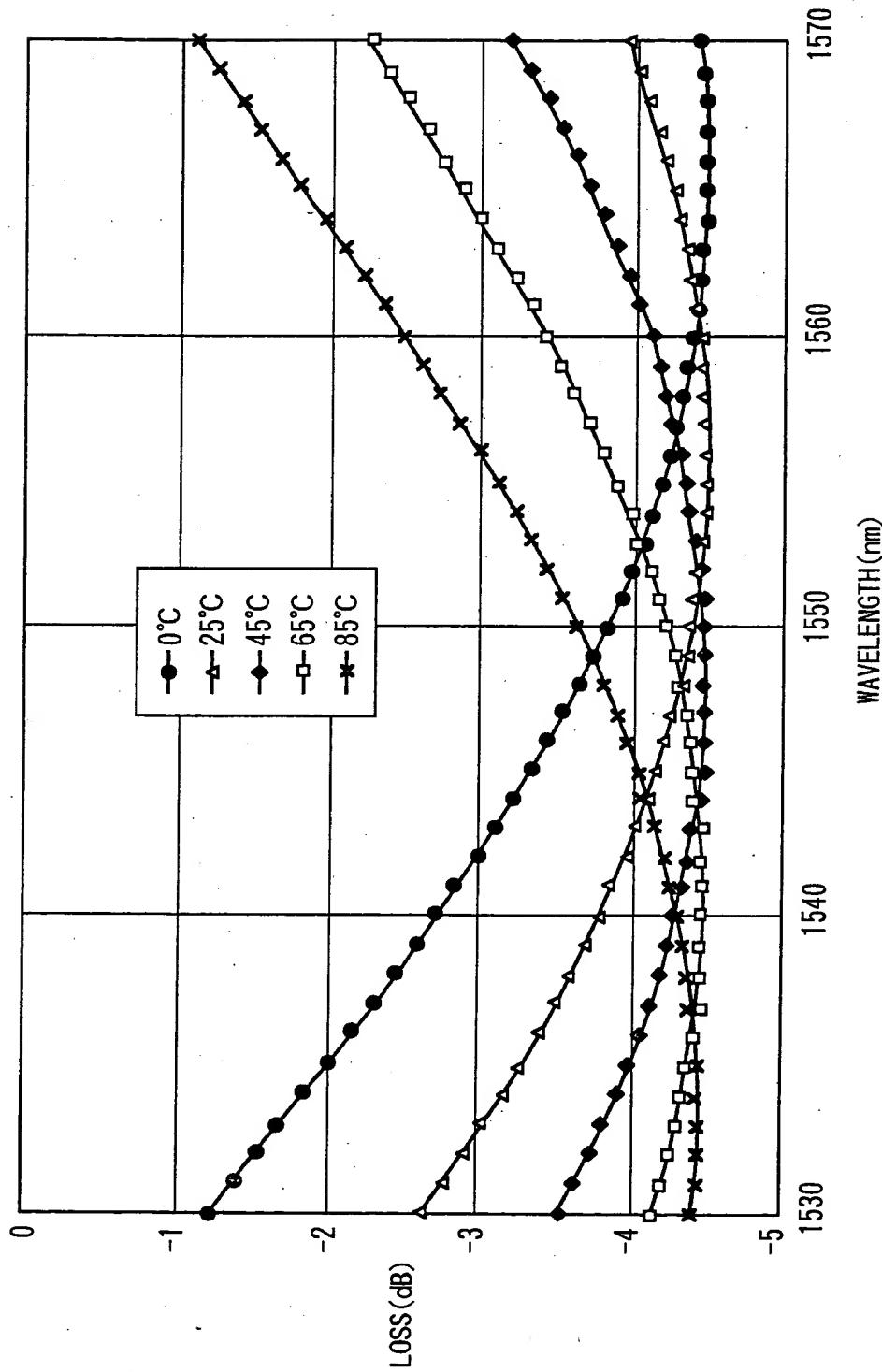


FIG.20
SYNTHESIZED WAVELENGTH-TEMPERATURE CHARACTERISTIC

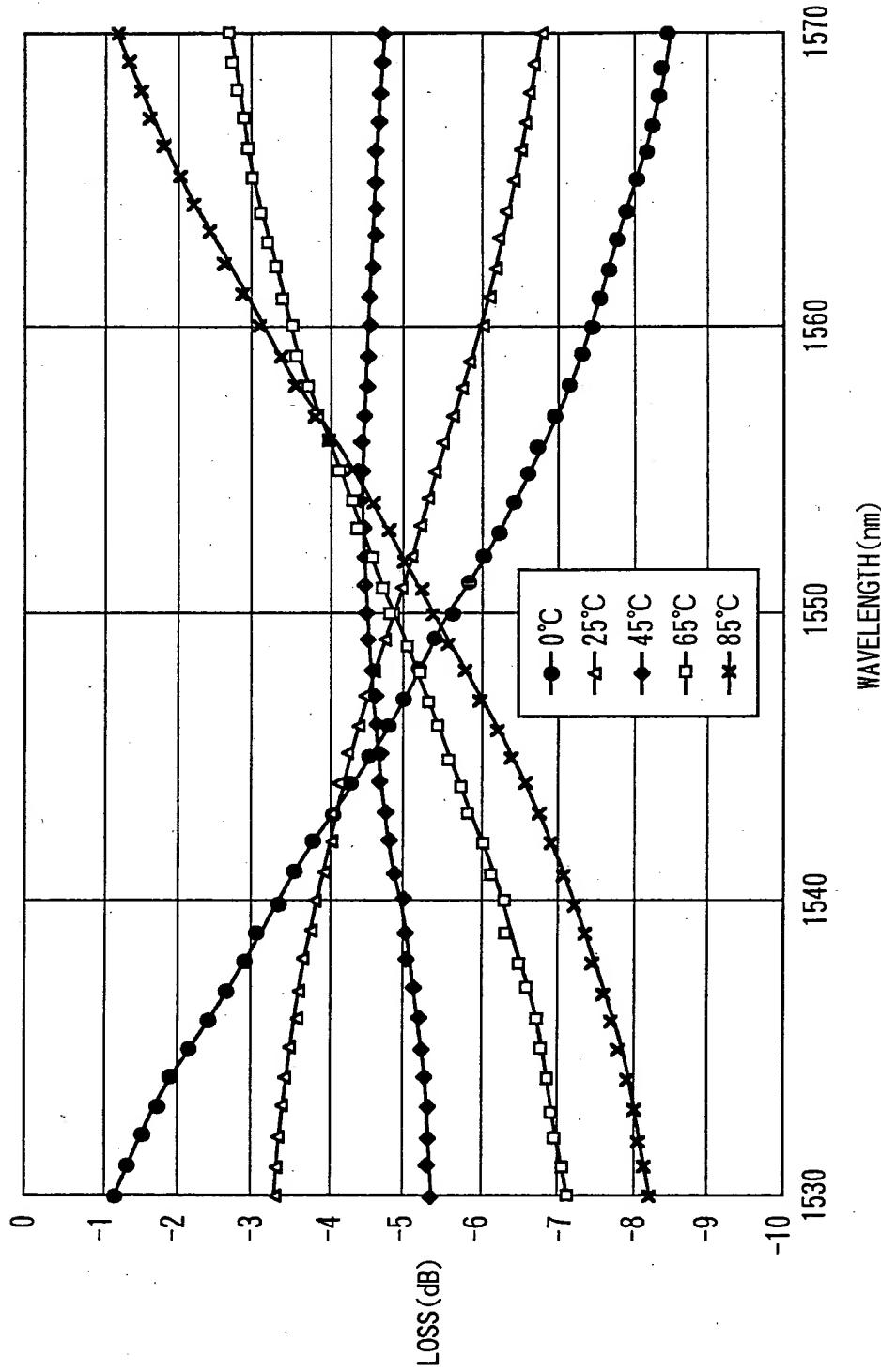


FIG.21

GENERAL AIRGAP TYPE ETALON FILTER

